



# RESILIENCE AUTHORITY

Annapolis and Anne Arundel County

## **Annapolis Maritime Resilience Initiative**

**(AMRI)**

**National Coastal Resilience Fund Grant**

**June 12, 2025**



# What is AMRI?

- Nature-based resilience pilot
- Targeting Spa Creek and Back Creek watersheds in and around Eastport
- Community-scale projects prioritized across region
- Based on diverse community engagement
- Planned and executed with a priority on equity



MAP ID	NOTE
1	Shearwater community Buildings 7 & 8 - shoreline erosion and subsidence
2	Hawkins Cove Stream Restoration
3	Chesapeake Street End Park/Horn Pt. Park and 515 Horn Point Dr. - flooding, erosion
4	Pooling water at 1st St and Chester Ave
5	Davis Pub street end park
6	Storm drain issues and flooding at Wild County Seafood/Annapolis Maritime Museum
7	Annapolis Sailing School Shoreline restoration
8	Lack of public water access, silting in
9	Harborview/Jones Cove SWM
10	AMM SWM
11	Green Acres Shoreline restoration
12	SPCA shoreline restoration
13	Ambridge SW Pond
14	Timber Creek/Ambridge Stream Restoration
15	SPCA Stream Restoration
16	Georgetown East SWM/Stream Restoration
17	Mariner's Point Stream Restoration
18	Living shoreline - investigate potential - from Jasmine's note 2/25/25
19	Living shoreline - investigate potential - from Jasmine's note 2/25/25
20	Living shoreline - from Jasmine's notes 2/25/25
21	Jeremy's Way Street End Park - high rating for repairs, low rating for living shoreline - Jasmine's notes 2/25/25
22	Tecumseh - ongoing project? From Jasmine's notes 2/25/25
23	Fifth St Ferry Boat Landing - from Jasmine's notes 2/25/25 - stormdrain backflow preventer/other
24	Annapolis Neck Cemetery - Annapolis Neck Rd - Micro Bioretention - From WIP - Open_01
25	Mt Moriah AME Church - 2204 Bay Ridge Ave - Rain Garden/Bioretention cell - From WIP - BMP_06
26	Georgetown Plaza - 914 Bay Ridge Rd - Bioretention or Infiltration Trench - From WIP - BMP_17
27	End of Blackwell Rd - Infiltration Basin or Bioretention Retrofit - From WIP - BMP_02
28	Bay Woods of Annapolis - 7101 Bay Front Dr - Wet Pond Retrofit - From WIP - BMP_09
29	1201 Tyler Ave - Bioretention - From Annapolis IWORQ #723472519
30	Billy Jon Alley
31	Norman Dr & American Dr
32	1309 Bay Ridge Ave (Church)
33	14 Melrob Ct
34	Bricin St & Janwall St
35	Bay Ridge Plaza
36	Giant Parking Lot
37	Giant Parking Lot
38	Fairwinds of Annapolis

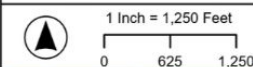


## Annapolis Maritime Resilience Initiative

Potential Project Locations

### Legend

- ★ Potential Project Locations
- Phase I Study Area
- Public Properties (City, County)



**GreenVest**  
VISION - PERFORMANCE - RESULTS

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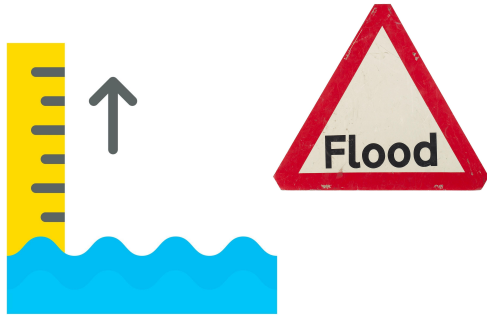
Date Figure Created: 3/11/2025



# 4 Main Categories for Project Prioritization

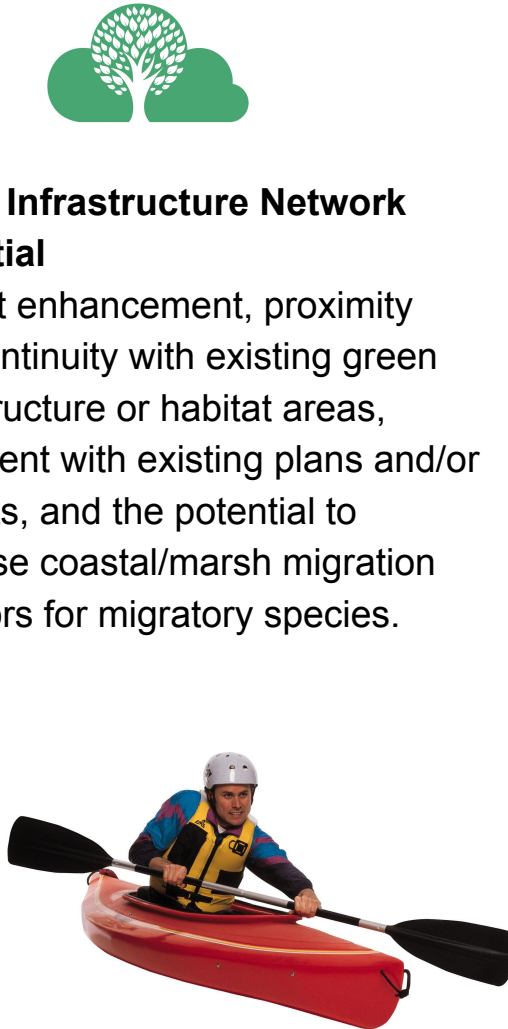
## Potential Resilience Impact

Flooding, critical infrastructure protection, near term failure/instability, and the status of stormwater management conveyance systems



## Social Impact

Community demographics and considerations for environmental justice, the potential for public outreach and education, the value for public water access, any enhancement to recreation and open space, any impact to non-vehicular connectivity (i.e., bike trails or pedestrian paths), and improvements to public safety.



## Green Infrastructure Network Potential

Habitat enhancement, proximity and continuity with existing green infrastructure or habitat areas, alignment with existing plans and/or projects, and the potential to increase coastal/marsh migration corridors for migratory species.

## Project Feasibility

Considers factors that affect the likelihood of a project to be implemented, and constraints that could complicate project development.

- Access for implementation and maintenance are considered, along with the level of anticipated maintenance post-implementation.
- Complexity of the permitting process is scored based on the number and types of permits needed for implementation.
- Landowner support
- Availability of funding, eligibility for funding, and competitiveness for targeted funding sources of projects are evaluated to determine the likelihood of a project receiving funding for implementation.

A	B	C	D	E	F	G	H
Number	Priority (score)	Site	Total Score	Potential Resilience Impact	Green Infrastructure Network Potential	Project Feasibility	Social Impact
15	1	ASPCA	217	94	30	36	57
17	2	Mariner's Point	194	88	30	16	60
2	3	Hawkins Cove Shoreline	180	74	28	24	54
7	4	Annapolis Senior School	177	79	24	41	33
29	5	Tyler Avenue	170	78	24	20	48
9	6	Harborview street/shoreline	169	84	24	16	45
6	7	Second St Water Access (Maritime Museum)	164	71	10	29	54
28	8	Baywoods of Annapolis	160	75	24	16	45
3	9	Horn Point Park	159	67	12	26	54
33	10	Melrob Court	159	60	8	22	69
32	11	1309 Bay Ridge Ave Latino Church	156	71	18	28	39
4	12	1st and Chester Ave	155	64	10	22	57
23	13	5th St. Ferry Boat Landing	152	69	12	20	51
5	14	George Washington Davis Park	147	58	10	22	57
25	15	Mt. Moriah Church	147	58	16	22	36
30	16	Billy Jon Alley	147	56	8	22	60
10	17	Ellen Moyer Park	141	43	22	16	60
21	18	Jeremy's Way	139	59	12	20	48
31	19	Norman Drive and American Ave	136	46	8	22	60
19	20	Severn Avenue east end	135	59	20	20	42
34	21	Bricin and Janwall Sts.	132	48	8	22	54
22	22	Tecumseh	131	55	12	16	48
11	23	Green Acres	120	60	18	18	24
23	24	Fifth Street Ferry Boat Landing	115	57	6	22	30
35	25	Bay Ridge Plaza	110	22	4	22	60
16	26	Georgetown East Elementary	107	48	20	18	21
26	27	Georgetown Plaza	97	58	8	16	15
36 / 37	28	Giant Parking Lot Site(s)	97	38	4	22	33
24	29	Annapolis Neck Cemetery	93	46	8	24	15
1	30	Shearwater	91	38	18	20	15
27	31	Blackwell Road	73	24	12	22	15
38	32	Fairwinds of Annapolis	71	28	8	20	15
12	33	Georgetown Grove	0	0	0	0	0



# Proposed 2025 Timeline

- January - March: Public engagement regarding community vulnerability
- April - May: Assess opportunities for risk reduction
- June - July: Site selection and continued public engagement  
(**KEY STAKEHOLDER MEETING June 23**)
- August: Development design, funding strategies and schedules
- September - December: Master plan and continued public engagement





**Thank you!**